



FLOOR TENANT NOTES

1. OCCUPANCY CLASSIFICATION: OCCUPANCY GROUP "E"
2. USEABLE SQUARE FOOTAGE: 42,436 SQUARE FEET
3. NUMBER OF PEOPLE ON FLOOR: 550 PEOPLE
4. THIS FLOOR IS SINGLE TENANT OCCUPANCY BY CANTOR FITZGERALD SECURITIES CORP.
5. THIS FLOOR IS FULLY SPRINKLERED
6. THIS PROPOSED ALTERATION DOES NOT AFFECT THE EXISTING DEGREE OF COMPLIANCE

CALCULATIONS FOR THE MAXIMUM ALLOWABLE OCCUPANCY OF THE 105TH FLOOR TENANT ALTERATION NO. 3980 APPROVAL DATE

1. ALLOWABLE CAPACITY OF EXIT DOORS TO FIRE STAIRS:
EACH 22" UNIT OF WIDTH = 80 OCCUPANTS
EACH 12" ADDITIONAL UNIT OF WIDTH = 40 OCCUPANTS
(NYC BUILDING CODE C-26-601.3 & TABLE 6-1)

STAIR NO. 1 & 2	STAIR NO. 3
DOOR @ 3' 0" = 36"	DOOR @ 3' 0" = 45"
22" = 80	22" = 80
12" = 40	12" = 80
34" = 120 OCCUPANTS ALLOWABLE EACH STAIR	44" = 160 OCCUPANTS ALLOWABLE EACH STAIR

2. ALLOWABLE CAPACITY OF EXIT STAIRS:
EACH UNIT OF WIDTH = 60 OCCUPANTS
EACH 12" ADDITIONAL UNIT OF WIDTH = 30 OCCUPANTS
(NYC BUILDING CODE C-26-601.3 & TABLE 6-1)

STAIR NO. 1 & 2	STAIR NO. 3
22" = 60	22" = 60
12" = 30	12" = 30
44" = 120 OCCUPANTS ALLOWABLE EACH STAIR	56" = 150 OCCUPANTS ALLOWABLE EACH STAIR

3. FLOOR CAPACITY DETERMINED BY EXISTING PLUMBING FIXTURES (NYC BUILDING CODE C-26-603.3) OF PLUMBING FIXTURES REQUIRED.
THE MAXIMUM ALLOWABLE OCCUPANCY OF THIS FLOOR IS 755 OCCUPANTS DETERMINED BY 755 OCCUPANTS ALLOWABLE BASED ON PLUMBING FIXTURES

4. CAPACITY OF EXITS:
(NYC BUILDING CODE C-26-603.3)
REDUCTION IN REQUIREMENT FOR VERTICLE EXITS, PER PARAGRAPH C-26-603.3, WHEN AREA OF REFUGE COMPLYING WITH THE REQUIREMENTS OF SECTION C-26-604.5, CAPACITY BE REDUCED BY FIFTY (50) PERCENT OF THE OCCUPANT LOAD.

VERTICLE EXIT CAPACITY:
STAIR NO. 1 = 120 PERSONS
STAIR NO. 2 = 120 PERSONS
STAIR NO. 3 = 150 PERSONS
TOTAL = 390 PERSONS MAXIMUM ALLOWABLE OCCUPANT LOAD = 390 x 2 = 780

5. VERIFICATION OF ALLOWABLE NUMBER OF OCCUPANTS IN AREA OF REFUGE (NYC BUILDING CODE C-26-604.5 REQUIRES 3 SQUARE FEET PER PERSON)

755 OCCUPANTS @ 3 SQ. FT.	2,265 SQUARE FEET
AREA OF REFUGE NO. 1	16,200 SQUARE FEET
AREA OF REFUGE NO. 2	22,050 SQUARE FEET

6. BASED ON ABOVE CALCULATIONS THE MAXIMUM ALLOWABLE OCCUPANCY OF THE 105TH FLOOR TENANT ALTERATION NO. 3980.

APPROVAL DATE	755 ALLOWABLE OCCUPANTS
ACTUAL NUMBER OF OCCUPANTS	53 ACTUAL OCCUPANTS
AFTER THIS ALTERATION =	550 ACTUAL OCCUPANTS

1 EGRESS ANALYSIS PLAN SCALE 1/8"=1'-0"

□ AREA OF REFUGE #1 ▨ AREA OF REFUGE #2 □ AREA OF ALTERATION